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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete if Known

Application Number	10/552,065
Filing Date	October 5, 2005
First Named Inventor	Kai SCHIEMANN et al.
Group Art Unit	1614
Examiner Name	Christopher R. Stone
Attorney Docket Number	MERCK-3074

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	A1	2007/0093492		Jiang et al.	04-2007
	A2	2006/0276650		Schadt et al.	12-2006
	A3	2007/0105871		Schiemann et al.	05-2007
	A4	2001/0044445		Bamaung et al.	11-2001
	A5	7,067,507		Pulley et al.	06-2006
	A6	4,631,343		Beck, James R.	12-1986
	A7	2004/0034083		Stephenson et al.	2-19-2004
	A8	2002/0091116		Zhu et al.	07-2002
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	A10	6,150,393	A	Behan et al.	11-21-2000
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	A12	4,146,721	A	BYK GULDEN LOMBERG	03-27-1979
	A13	3,926,999		Poetsch	12-16-1975
	A14	4,258,047		Gante et al.	03-24-1981

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear	†1
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	B1	WO	0132626		Gaster Laramie Mary	05-10-2001		
	B2	WO	2001032627		Baron et al.	10-2001		
	B3	WO	03088958		Maziasz Timothy J	10-30-2003		
	B4	WO	98031227		Schiemann et al.	07-1998		
	B5	WO	2003031435		Schiemann et al.	04-17-2003		

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		Office ³	Number ²	Kind Code ² (if known)			
	B6	WO	01/29008	A	ARENA PHARMACEUTICALS INC.	04-26-2001	A11
	B7	WO	96/33175	A	SEARLE & CO	10-24-1996	A12
	B8	DE	2141125	A	BYK-GULDEN LOMBERG GMBH	02-24-1972	
	B9	WO	03/099793	A	TAKEDA LTD	12-04-2003	
	B10	WO	2004/024705	A	TAKEDA LTD.	03-25-2004	
	B11	WO	2004/037248	A	CAREX SA	05-06-2004	
	B12	DE	2201889		Merck Patent GmbH	07-19-1973	A13
	B13	DE	2258033		Merck Patent GmbH	05-30-1974	
	B14	DE	2906252		Merck Patent GmbH	08-28-1980	A14

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Sheet 3 of 4

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Group Art Unit	1614
Examiner Name	Christopher R. Stone
Attorney Docket Number	MERCK-3074

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	† ‡
	C1	DATABASE BEILSTEIN 'ONLINE' BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, JUNE 27, 1988, XP002283830.	
	C2	Vippagunta et al. Advanced Drug Delivery Reviews, 2001, 48, 3-26.	
	C3	"Premenstrual syndrome-Womens health and Medical Information in Medicinenet.com", http://www.medicinenet.com/premenstrual_syndrome/page5.htm , accessed September 19, 2007.	
	C4	"Amyotrophic Lateral sclerosis information page: National Institute of Neurological Disorders and Stroke (NINDS)", http://www.ninds.gov/disorders/amyotrophiclateralsclerosis/amyotrophiclateralsclerosis.htm , accessed September 19, 2007.	
	C5	"Obsessive-compulsive behaviors and disorders: symptoms, treatment, and support", http://www.helpguide.org/mental/obsessive_compulsive_disorder OCD.htm , accessed September 19, 2007.	
	C6	Journal of Clinical Psychiatry, 1999, 60, 1-8.	
	C7	Crow, S. Expert Opinion on Investigational Drugs, 1997, 6(4), 427-36.	
	C8	Ross et al., Expert Opinion on Therapeutic Patents, 2003, 13(10), 1491-99.	
	C9	TAKEHITO OCHI ET AL.: "FR143166 ATTENUATES SPINAL PAIN TRANSMISSION THROUGH ACTIVATION OF THE SEROTONIN SYSTEM" EUROPEAN JOURNAL OF PHARMACOLOGY, Bd. 452, 2002, Pages 319-324, XP002284473, The Entire Document.	
	C10	YOSHIKO SUZUKI ET AL: "IN VITRO AND IN VIVO PHARMACOLOGICAL PROFILE OF 4-(4-FLUOROBENZYLIDENE)-1-(2'-5'-(4-FLUOROPHENYL)-1H-PYRAZOL-4-YLIETHYL) PIPERIDINE (NRA0161)" LIFE SCIENCES, Bd. 71, 2002, pages 2603-2615, XP002284474, The Entire Document.	
	C11	KATRITZKY ET AL: "1,3-DIPOLAR CYCLOADDITIONS OF ELECTRON-RICH BENZOTRIAZOL-1-YLPROPENES" J. HETEROCYCLIC CHEM., Bd. 33, 1996, Pages 1637-1646, XP002284475, Figure 28, Pages. 1640.	
	C12	PEREZ ET AL: "AN EASY METHOD FOR THE N-ALKYLATION OF AMIDES, CARBAMATES, UREAS AND AZOLES..." HETEROCYCLES, Bd. 60, Nr. 1, 25 November 2002, Pages 167-175, XP002284476, Figures 10, 11 and 12, Pages 168 and 173.	

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Signature

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First Named Inventor	Kai SCHIEMANN et al.
Group Art Unit	1614
Examiner Name	Christopher R. Stone
Attorney Docket Number	MERCK-3074

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	C13	O'BRIAN ET AL.: "SOME REACTIONS OF 3-HYDROXY-1-PHENYLPYRAZOLE" J. ORG. CHEM., Bd.31, 1966, Pages 1538-1542, XP002284477, The Entire Document.	
	C14	DATABASE CHEMABS "ONLINE" CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 1960, GRANDBERG, I.I. ET AL.: "PYRAZOLES. XII. HYDROXY-AND CHLOROMETHYLATION OF 1-SUBSTITUTED PYRAZOLES" XP002284480, FOUND IN STN, DATABASE ACCESSION NO. 1961.99421, SUMMARY & ZHURNAL OBSHCHEI KHIMII, 30, 3324-8; CODEN: ZOKH44; ISSN: 0044-460X, 1960.	
	C15	DATABASE BEILSTEIN; BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; 29 NOVEMBER 1988; XP002284481, DATABASE ACCESSION NO. BRN 1127514 CAS-RN; 35000-58-9/ SUMMARY & DORN ET AL: J. PRAKT. CHEM., Bd. 31, 1971, Pages 236-246.	
	C16	BEBERNITZ ET AL.: "THE EFFECT OF 1,3-DIARYL-1'H-PYRAZOL-4-ACETAMIDES ON GLUCOSE UTILIZATION IN OB/OB MICE" J. MED. CHEM., Bd. 44, Nr. 16, 2001, PAGES 2601-2611, XP002284478; SCHEMA 1, METHODE A, STRUKTUREN 2-5, REAKTIONEN A AND B.	
	C17	ECHEVARRIA ET AL.: RESEARCH IN THE AZOLE SERIES. 102 '11. SYNTHESIS AND 13C NMR STUDY OF PYRAZOLE-4-CARBOXYALDEHYDES; J. HETEROCYCLIC CHEM., Bd. 30, 1993, PAGES 957-960, XP002284479, FORMULA 19, PAGE 957.	
	C18	DATABASE BEILSTEIN, BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; 24 JANUARY 2002, XP002284482, DATABASE ACCESSION NO. BRN 8913586 & BRATENKO ET AL. RUSS. J. ORG. CHEM. EN, Bd. 37, Nr. 4, 2001, PAGES 552-555.	
	C19	Caramella, et al., Heterocycles, Vol. 40, No. 2, 1995, pgs 515-520.	
	C20	Katritzky et al., Journal of Heterocyclic Chemistry (1996), 33(6), pgs. 1637-1646.	

Examiner Signature	/Christopher Stone/	Date Considered	05/27/2009
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